



NHL-NP-46 Sequence Listing (revision 1).ST25
SEQUENCE LISTING

<110> Fuertes-Lopez, Laura
Timon-Jimenez, Marcos

<120> DNA EXPRESSION CONSTRUCT FOR TREATMENT OF INFECTIONS WITH
LEISHMANIASIS

<130> NHL-NP-46

<140> 10/816,591
<141> 2004-04-01

<150> DE 101 48 732.0
<151> 2001-10-02

<150> DE 101 56 679.4
<151> 2001-11-12

<150> PCT/DE02/03799
<151> 2002-10-02

<160> 9

<170> PatentIn version 3.2

<210> 1
<211> 4791
<212> DNA
<213> Plasmid pSCp36

<220>
<221> misc_feature
<222> (1939)..(1045)
<223> Kanamycin resistance, reverse complementary

<220>
<221> promoter
<222> (2447)..(3243)
<223> CMV

<220>
<221> Intron
<222> (3250)..(3386)

<220>
<221> misc_feature
<222> (3393)..(4331)
<223> p36 protein

<220>
<221> polyA_site
<222> (4338)..(4539)
<223> poly A site aus SV 40

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aacatgtctc gggaggcctc acgtgacatg tgagcaaaaag gccagcaaaa ggccaggaac 180

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cgtaaaaagg cgcggttgct ggcgtttttc cataggctcc gccccctga cgagcatcac	240
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ctgtccgcct ttctcccttc ggggaagcgtg gcgctttctc atagctcacg ctgtaggtat	420
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gaaaactcac gttaagggat tttggtcatg agattatcaa aaaggatctt cacctagatc	900
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aacaagttaa caacaacaat tgcattcatt ttatgtttca gggtcagggg gaggtgtggg	4500
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<210> 2
 <211> 11
 <212> PRT
 <213> Human immunodeficiency virus type 1, TAT peptide

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<210> 3
 <211> 7
 <212> PRT
 <213> Simian virus 40, NLS peptide

<400> 3
 Pro Lys Lys Lys Arg Lys Val
 1 5

<210> 4
 <211> 20
 <212> DNA
 <213> Unknown

<220>
 <223> ODN 1

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 <221> modified_base
 <222> (12)..(12)

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<223> xT = Thymin modified with a reactive amino group

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<210> 5
<211> 20
<212> DNA
<213> Unknown

<220>
<223> ODN 2

<400> 5
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<210> 6
<211> 33
<212> DNA
<213> Unknown

<220>
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<210> 7
<211> 42
<212> DNA
<213> Unknown

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<210> 8
<211> 33
<212> DNA
<213> Unknown

<220>
<223> 2. PCR: Primer left

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<210> 9
<211> 33
<212> DNA
<213> Unknown

<220>
<223> 2. PCR: Primer right

<400> 9

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33